

Title (en)
PACKET FORWARDING METHOD, APPARATUS AND SYSTEM

Title (de)
PAKETWEITERLEITUNGSVERFAHREN, -VORRICHTUNG UND -SYSTEM

Title (fr)
PROCÉDÉ, APPAREIL ET SYSTÈME D'ACHEMINEMENT DE PAQUETS

Publication
EP 4185009 A4 20240117 (EN)

Application
EP 21845251 A 20210716

Priority

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- CN 2021106798 W 20210716

Abstract (en)
[origin: EP4185009A1] Embodiments of this application provide a packet forwarding method, an apparatus, and a system, and relate to the field of communication technologies, to mitigate existing technical problems of a large quantity of signaling exchanges and a long switching delay when a session management network element modifies a PDU session. The method includes: A session management network element sends a path identifier to a first device, where the first device includes an access network element corresponding to a PDU session and a user plane network element corresponding to the PDU session, the PDU session corresponds to a first terminal, the path identifier indicates a first path from the access network element to the user plane network element, the first path includes a part or all of a second path, and the second path is a path corresponding to a PDU session pre-established by the session management network element for a second terminal. The session management network element further sends, to the first device, identification information of a destination address corresponding to the path identifier, to enable the first device to include, in received data based on the destination address of the data, the path identifier corresponding to the destination address, and forward the data through a path corresponding to the destination address.

IPC 8 full level
H04W 36/00 (2009.01); **H04W 36/08** (2009.01)

CPC (source: CN EP US)
H04W 76/11 (2018.01 - CN EP US); **H04W 76/12** (2018.01 - CN EP US); **H04W 36/08** (2013.01 - EP); **H04W 36/12** (2013.01 - EP)

Citation (search report)

- [I] CN 110677345 A 20200110 - HUAWEI TECH CO LTD
- [A] US 2019268815 A1 20190829 - ZHU XIPENG [US], et al
- [A] WO 2019161240 A1 20190822 - IDAC HOLDINGS INC [US]
- [A] WO 2019210769 A1 20191107 - HUAWEI TECH CO LTD [CN]
- See references of WO 2022017285A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 4185009 A1 20230524; EP 4185009 A4 20240117; CN 113973399 A 20220125; US 2023156833 A1 20230518;
WO 2022017285 A1 20220127

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EP 21845251 A 20210716; CN 202010718828 A 20200723; CN 2021106798 W 20210716; US 202318157580 A 20230120